**BRUHATH BANGALORE MAHANAGARA PALIKE**

**DASARAHALLI ZONE**

NAME OF WORK: Modified Estimate for UGD Maintanance at Kirloskar Layout, NMH Layout & Sahyadri layout in Bagalagunte Ward No.14

**Modified Estimate**

**Est.Cost: 10 Lakhs**

| Sl | Description Of Item | Unit | No | L | B | D | Qty | | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Earth work Excavation for foundation of Buildings, water supply, sanitory lines and electrical conduits either in pits or in trenches 1.5m and above in width. In Hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specification No: KBS 2.1(b)/2.3.5( it: 2.4, P-5) 2018-19 | | | | | | | | |
| | UGD Line | | | | | | | | |
| | Bagalagunte Old Village | Cum | 1 | 70.00 | 0.90 | 2.00 | 126.00 | | |
| | Ganapathi Layout 2nd Cross | | 1 | 60.00 | 0.90 | 2.00 | 108.00 | | |
| | Water supply Pipeline | | | | | | | | |
| | 1st A Cross Pipeline | | 1 | 73.50 | 0.60 | 0.90 | 39.69 | | |
| | Amruth Credit Co-Opp Bank | | 1 | 39.00 | 0.60 | 0.90 | 21.06 | | |
| | Meety Fish Stall Road | | 1 | 39.00 | 0.60 | 0.90 | 21.06 | | |
| | 13th Cross Vishweshvaraiah Layout | | 1 | 105.00 | 0.60 | 0.90 | 56.70 | | |
| | Kirloskar Layot | | 1 | 132.00 | 0.60 | 0.90 | 71.28 | | |
| | Muneshwara Layout | | 1 | 61.50 | 0.60 | 0.90 | 33.21 | | |
| | | | 13 | (3.142X1.20X1.20 | | 2.00 | 29.41 | | |
| | | | | | | Qty executed up to 125% | 506.41 | 285.00 | 144326.60 |
| 2 | KSRB 13.9: Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. 75MM dia Specification No KBS 13.2.15.2 (Page no:96, I.No.13.73.2 PWD SR 2018-19) | | | | | | | | |
| | Water supply Pipeline | Mtr | | | | | | | |
| | 1st A Cross Pipeline | | 1 | 73.50 | | | 73.50 | | |
| | Amruth Credit Co-Opp Bank | | 1 | 39.00 | | | 39.00 | | |
| | Meety Fish Stall Road | | 1 | 39.00 | | | 39.00 | | |
| | 13th Cross Vishweshvaraiah Layout | | 1 | 105.00 | | | 105.00 | | |
| | Kirloskar Layot | | 1 | 132.00 | | | 132.00 | | |
| | Muneshwara Layout | | 1 | 61.50 | | | 61.50 | | |
| | | | | | | Qty executed up to 125% | 450.00 | 404.00 | 181800.00 |
| 3 | KSRB 12-1.1 : Providing and laying in position to required level or slope 300mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5/12.7 Page No. 72/ Item No. 11.6/ PWD - SR 2018-19) | | | | | | | | |
| | UGD Line | | | | | | | | |
| | Bagalagunte Old Village | Mtr | 1 | 70.00 | | | 70.00 | | |
| | Ganapathi Layout 2nd Cross | | 1 | 60.00 | | | 60.00 | | |
| | | | | | | Qty executed up to 125% | 130.00 | 628.00 | 81640.00 |
| 4 | KSRB 12-5.1 :Constructing brick masonry circular type manhole 1.67m internal dia at bottom 1.67 m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3,finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsixe granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming IS : 12592, total weight cover and frame to be not less than 182 Kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machinery, completete as per specifications.(Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) specification No. KBS 12.4 Page No. 73/ Item No. 11.38/ PWD - SR 2018-19) | | | | | | | | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Bagalagunte Old Village | Each | 1 | 7.00 | | 7.00 | | |
| | Ganapathi Layout 2nd Cross | | 1 | 6.00 | | 6.00 | | |
| | | | | | Qty executed up to 125% | 13.00 | 21273.00 | 276549.00 |
| 5 | KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 29/ Item No. 6.6/ PWD - SR 2018-19) | | | | | | | |
| | Bagalagunte Old Village | Cum | 7 | 1.50 | 0.95 | 9.98 | | |
| | Ganapathi Layout 2nd Cross | | 6 | 1.50 | 0.95 | 8.55 | | |
| | | | | | Qty executed up to 125% | 18.53 | 6732.00 | 124710.30 |
| 6 | KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 116/ Item No. 15.19 / PWD SR 2018-19 | | | | | | | |
| | | Sqm | | | | | | |
| | Bagalagunte Old Village | 2 | 7 | 2.40 | | 33.60 | | |
| | Ganapathi Layout 2nd Cross | 2 | 6 | 1.50 | | 18.00 | | |
| | | | | | Qty executed up to 125% | 51.60 | 236.00 | 12177.60 |
| 7 | Providing & Fixing SFRC Cover and frame 560mm (ID) Heavy Duty.. Material code No-0331., (Sl No - 768, Page No. XXX ,PWD - SR 2018-19) | | | | | | | |
| | Bagalagunte Old Village | No | 7 | | | 7.00 | | |
| | Ganapathi Layout 2nd Cross | | 6 | | | 6.00 | | |
| | | | | | Qty executed up to 125% | 13.00 | 906.00 | 11778.00 |
| 8 | KSRB-2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item KSRB 2.3 Page No. 7/ Item No. 2.11/PWD - SR 2018-19) | | | | | | | |
| | at Selected Placess | Cum | Qty Vide Item No 01 | | | 506.41 | | |
| | | | | | Qty executed up to 125% | 506.41 | 77.00 | 38993.50 |
| 9 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 136 Item No. 17.1 PWD - SR 2018-19) | | | | | | | |
| | | Cum | Qty Vide Item No.01 | | | 506.41 | | |
| | | | Deduct of 40% | | | 202.56 | | |
| | | | | | Qty executed up to 125% | 303.85 | 66.00 | 20053.80 |
| | | | | | | | Sub Total | 892028.80 |
| | | | | | | | GST 12% | 107043.46 |
| | | | | | | | Sub Total | 999072.26 |

Certificate:-

1) This Work Comes Within BBMP Limits.
2) Certified that personaly Inspected the Work Spot.
3) Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19
4) Estimate is Prepared Making Use of essential itemof work as per site conditions in safest way of Execution in most economical way
5) This work is not include in any other program of work.

Assistant Engineer
Ward-14
B.B.M.P. Bangalore

Asst. Exe. Engineer
T.Dasarahalli Sub-Division
B.B.M.P. Bangalore

Exeutive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

Technically Sanctione for Rs. 8:92 lakhs/-
Rs. In words Rs. Eight lakhs ninety two thousands only
Under P-1771
Job Code No. 014-20-000005
Registered as CE No. 30/2021-22
to conditions contained in Enclosed
No. CE/DZ/TP/30/21-22

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